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APPLICANT:

NEC CORP:

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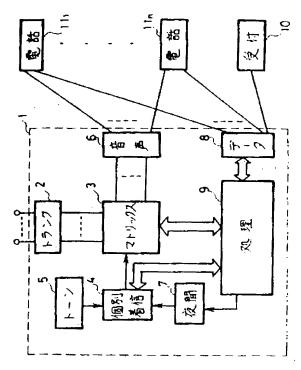
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TITLE

ELECTRONIC KEY TELEPHONE SET



ABSTRACT :

PURPOSE: To eliminate the need for setting for night condition through the button operation of an attendant board by providing a photodetector detecting lightness of a location where a specific telephone set is placed to the said telephone set and controlling a changeover means by an output signal of the photodetector so as to bring the night state automatically when the lighting fixture of a room where the reception telephone set is provided goes out.

CONSTITUTION: In designating one set of reception telephone set through the button operation of an attendant board 10, the data of button information from the attendant board 10 is analyzed and processed by a central processing unit 9 via a data transmission/reception circuit 8, an external line incoming tone is set so as to ring only a button telephone set 111 only by an individual incoming tone designating circuit 4, and the operator of the said telephone set executes the reception only to the external line as the recipient. A photodetector of the reception telephone set 111 inputs a voltage value in response to the lightness of the room to an integration circuit, which integrates the input value for a prescribed time. When the operator is absent at night and the lighting fixture of the room goes out, the output of the integration circuit is a prescribed value or below after a time, a night state circuit 7 detects it via the central processing unit 9, controls the individual tone designation circuit 4 to ring the external line incoming tone to other specific button telephone set 111, and to bring the state in the night state.

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